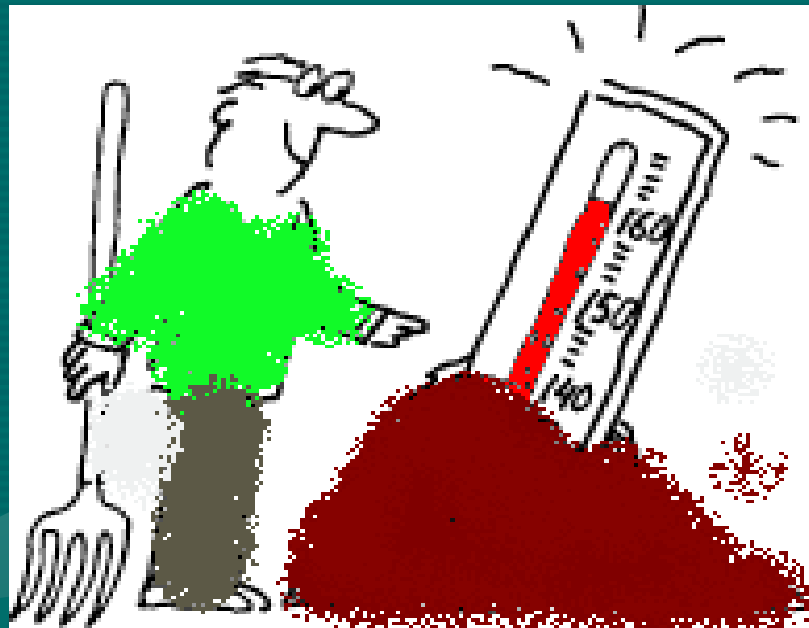


Beyond Backyard Composting



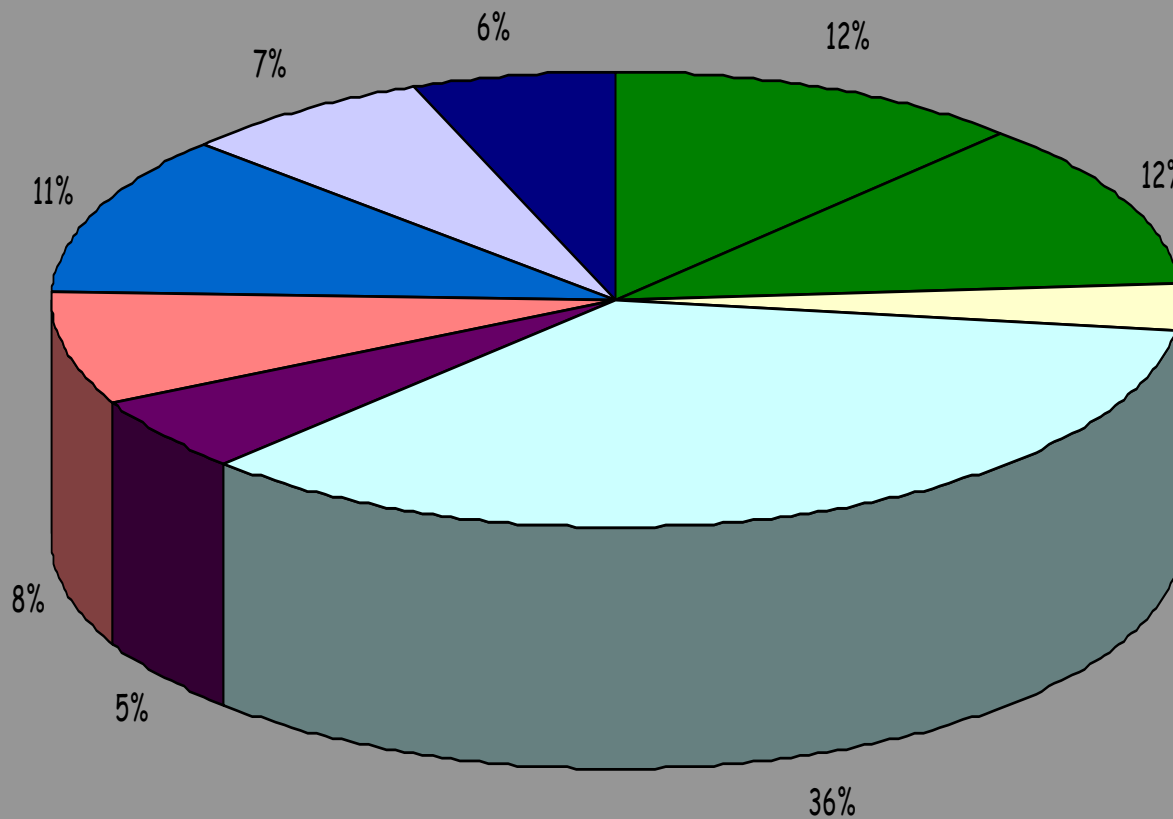
Promote Backyard Composting



Why Compost Food Scraps?

- Food Scraps are not a Waste
- Food Scraps are a Commodity
- Food Scraps Make up About 12% of the Waste Stream
- Result is a Very Good Soil Amendment
- Help Maine Reach it's Goal of a 50% Recycling Rate

Waste Generation by Type



Yard waste

Food Waste

Other

Paper

Glass

Metals

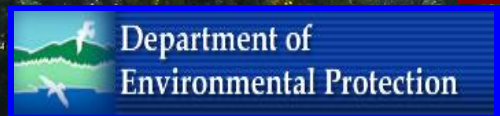
Regional Food Residual Composting Project

- Maine DEP
- Maine SPO
- Town of Farmington
- Aramark Food Service (UMF)
- Franklin Memorial Hospital
- Mallett School
- Sandy River Recycling



Farmington Food Compost Initiative 2005-2006

"A Cooperative Recycling Effort"



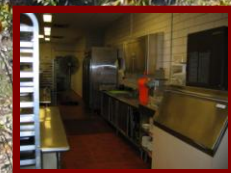
Composting Area



Compost Pre-mix



"Pre-Consumer" Food Scraps



Collection Areas

Getting Started

- Attend Maine Compost School
- Devise a Plan
- Key Elements
 - who, what, where, when, how
- Work with State DEP for Necessary Licensing

Public Awareness

- Tell People What You Are Doing
- Tell People Why You Are Doing it
- Let People Know What is Going on at the Site







Funding

- Most Money Will be Spent on Site Work
- Leave Room for Expansion
- Have the Equipment for Earthwork
- Make Sure it's Right the First Time



Actual Operation

- Your Recipe
- How are You Going to Work Your Site?
- How are you going to comply with the rules & regulations
- Transportation of Feedstock and Amendment

































































Finished Compost?

- Now that you have Finished Compost what do you do with it
- Have it Tested (ME Soils Lab)
- Sales
- Donations & Community Service
- Storage



Compost Analysis Report

From: RON SLATER\ SANDY RIVER RECYCLING ASSOC
 PO BOX 706
 FARMINGTON ME 04938

Job# 370

Date Received: 03/12/10

Report Date: 03/25/10

Sample type: Compost

Sample Name: Compost

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis
Total Solids (%)	-----	41.9
Total Carbon (%)	20.2	8.4
Total Nitrogen (%)	1.01	0.42
Total Potassium (%)	0.30	0.13
Total Phosphorus (%)	0.34	0.14
Volatile Solids (%)	41.1	17.3
pH	-----	6.7
Bulk Density (lbs/cu yd)	-----	1000
Conductivity (mmhos/cm)	-----	1.9

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis
Total Boron (ppm)	59.5	24.9
Total Calcium (%)	1.20	0.490
Total Copper (ppm)	25.0	10.5
Total Iron (ppm)	12900	5420
Total Magnesium (%)	0.470	0.190
Total Manganese (ppm)	316	133
Total Sodium (%)	0.130	0.050
Total Zinc (ppm)	99.9	41.9

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis
C:N Ratio	-----	20.0
NH ₄ -N (mg/kg)	7.84	3.29
NO ₃ -N (mg/kg)	118	49.5







